

Product datasheet for **AM26373PU-N**

Clec10a Rat Monoclonal Antibody [Clone ID: ER-MP23]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ER-MP23
Applications:	FC, FN, IHC
Recommended Dilution:	Immunohistochemistry on frozen sections: he typical starting working dilution is 1:50. Flow cytometry: he typical starting working dilution is 1:50. Functional assays.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse macrophage cell lines
Specificity:	The monoclonal antibody ER-MP23 specifically reacts with the macrophage galactose-specific lectin (MGL), a 38 kDa single chain surface glycoprotein.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Protein G
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-type lectin domain family 10, member A
Database Link:	Entrez Gene 17312 Mouse P49300



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- Background:** MGL is found on murine mature macrophages in the connective tissue neighboring epithelia of e.g. salivary glands, capsule of lymph nodes, thymus and various other organs. MGL is present on the surface of connective tissue macrophages and their precursor cells in bone marrow. Also, MGL is expressed in macrophage cell lines (e.g. J774-1.6, RAW309Cr.1 and WR19M.1). Expression levels of MGL are increased in mature macrophages.
- Synonyms:** CD301; CLECSF13; CLECSF14; HML; HML2
- Note:** The antigen is glutaraldehyde (0.05%) resistant.